



Inworks Minor in Human-Centered Design and Innovation

Overview

The Inworks Minor in Human-Centered Design and Innovation (MHCDI) provides educational experiences and a broad interdisciplinary perspective in design and innovation that integrates human-centered design thinking with collaborative problem solving. Students in the MHCDI will learn to collaboratively create impactful solutions to important human problems.

Objectives

Students who undertake the MHCDI will acquire the abilities to:

- collaborate effectively in interdisciplinary teams;
- contribute meaningfully to the development of solutions to complex and challenging problems;
- synthesize available information into actionable alternatives;
- think critically and conceptually when confronted with challenging problems;
- develop potential solutions when the problems themselves are not well defined;
- embrace innovation and entrepreneurship;
- evaluate ideas using both qualitative and quantitative analysis tools;
- implement potential solutions using a variety of advanced prototyping techniques;
- have both a global perspective and an eye for detail; and
- lead when leadership is called for.

Requirements

- A minimum of 19 credit hours, as follows:
 - MHCDI Foundation Course: IWKS 2100
 - MHCDI Open Electives: Choose four of (IWKS 2300, or any IWKS 3/4xxx course)
 - MHCDI Capstone Elective: Choose one of (IWKS 4800 or IWKS 4900)
- Student must maintain a 2.7 cumulative GPA for all MHCDI courses
- Students must earn a minimum grade of “C+” in all courses counted toward the MHCDI.
- Coursework used to satisfy the MHCDI requirements cannot be taken Pass/Fail.
- Courses may not be substituted, except as described below.
- A minimum of 13 credit hours toward the MHCDI must be taken on the Denver or Anschutz campuses.
- Failing to meet the minimum grade for the MHCDI Foundation course twice will result in automatic removal from the MHCDI program.

Course Substitutions

Where appropriate, students may petition to have a course offered by another academic unit (including course work from another institution, Study Abroad, or Semester at Sea) accepted as a 3xxx or 4xxx Elective (Foundation and Capstone courses may not be substituted). To pursue this option, students must complete a Course Substitution Petition Request Form (available from the Inworks Undergraduate Advisor) and attach relevant supporting documentation (e.g., syllabus, transcripts, etc.). It is strongly recommended that students seek approval of substitution requests as early as possible. See the Inworks Undergraduate Advisor for more information

MHCDI Honors

Students who earn a cumulative MHCDI GPA (in the hours used toward fulfilling the MHCDI requirements) of at least 3.5 will graduate with MHCDI Honors.